

## Assignment 7

Physics 321  
Electrodynamics I

Due on Friday, September 20th, 2024

Class date: September 18th 2024.

Reading: pp. 64–69.

### Problem 1

Griffiths 2.7 — Finding the electric field inside and outside of a spherical shell.

### Problem 2

Griffiths 2.9 — Checking Gauss's law.

### Problem 3

Griffiths 2.10 — Computing flux (there is a way to proceed without carrying out any integration).